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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/764,121	01/19/2001	John Friedenfelds	2925-0474P	8113
30594	7590	11/02/2004	EXAMINER	
HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 8910 RESTON, VA 20195			PEREZ, JULIO R	
			ART UNIT	PAPER NUMBER
			2681	

DATE MAILED: 11/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/764,121

Applicant(s)

FRIEDENFELDS ET AL.

Examiner

Julio R Perez

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 09 August 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3-11 and 14-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) 1,3-11 and 14-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1,3-11, 14-18, 22-26 are rejected under 35 U.S.C. 102(e) as being anticipated by Boltz et al. (6233445).

Regarding claim 1, Boltz et al. disclose a method of performing a screening action on wireless calls, comprising: receiving a wireless call (col. 3, lines 42-45, the mobile originates a phone call, which is received by the PSAP); determining if the wireless call originates from a defined geographic area within a given period of time (col. 4, lines 11-30; col. 5, lines 18-29, the PSAP has the capability to detect from which area the emergency call was originated after ascertaining that the call being from an accident location; col. 5, lines 26-29, read on "within a given period of time," where the PSAP is able to control the amount of time for monitoring the calls); and screening the wireless call if determining step determines that the wireless call originates from the defined geographic area within the given period of time (col. 4, lines 11-39; col. 5, lines 26-29, then from then on, or after some specified time, a second mobile station, which is located within the same area as the first mobile station originates another urgent call to

the PSAP), wherein the determining and screening are initiated after a given number of wireless calls originating within a given threshold distance of one another and within the given period of time are received (col. 4, lines 11-51, the application device located within the PSAP determines that the calls are originated from the same location as previous calls, and, thus, determines that an accident has already been reported, and consequently takes the action of commanding an answering service to provide an announcement message to the second wireless phone informing the second wireless phone that an incident has already been reported from the same area).

Regarding claim 3, Boltz et al. disclose, further receiving instructions to initiate screening, said instructions indicating the defined area (col. 5, lines 22-29; Fig.1, the PSAP may control the commanding of the screening); and performing the determining and screening steps in response to the received instructions (col. 4, lines 21-46; col. 5; Fig.1, lines 22-29, the PSAP has control over the time to be generating the outgoing message when a calls is originated from a same location of an incident; thus, corresponding to instruct the module (230) to provide screening within the same area of the incident).

~~Regarding claim 4, Boltz et al. disclose, wherein the receiving a wireless call step~~  
receives an emergency call (col. 3, lines 42-45, the mobile station originates an emergency call); and the receiving instructions step receives instructions from a Public Safety Answering Point (col. 5, lines 22-29, the PSAP has the capability to control the examining of the calls coming into the PSAP through the APPL components, 220, 230. The message provided to callers from the same area of a reported incident are routed

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to a recording device, after being determined that such calls come from the same area as the previous emergency call; the message may be provided for a certain amount of time as controlled by the PSAP; thus corresponding to the screening of the amount calls coming from the same emergency call area).

Regarding claim 5, Boltz et al. disclose, further receiving instructions to disable the determining and screening steps (col. 5, lines 26-29, the message, which is played after determining a certain number of calls coming from the same incident area, is controlled by the PSAP for a period time decided by the PSAP and controlled by the PSAP otherwise).

Regarding claim 6, Boltz et al. disclose, wherein the instructions further indicate a second period of time to perform screening; and the determining and screening steps are performed from the period of time (col. 4, lines 11-51; col. 5, lines 18-29; Figs 3-4, the PSAP system has control of how to handle the examining of the calls thus providing the recording to the subsequent calls; Further, controlling when to stop the determining of the calls coming from the same area; In addition, the system determines a call from one mobile, for instance mobile 10A, at one instance and the call from another, for instance mobile 10B; thus, different instances of time passed by).

Regarding claims 7,10,17, 24, Boltz et al. disclose, wherein connecting the wireless call with an audio message (col. 4, lines 31-46; Fig. 1, an application within the system determines whether the calls after the first emergency calls are originated from the same area as the first emergency call, and consequently commanding a connection

to an announcement machine to provide information to the caller that an incident has been reported from the same area).

Regarding claims 8, 11, Boltz et al. disclose screening step, connecting the wireless call to a destination after a second period of time elapses from completion of the audio message (col. 4, lines 42-51, the callers subsequent to the first emergency call may interrupt their call or wait to be connected to an operator after hearing the voice message and decided to connect thereafter).

Regarding claims 9, Boltz et al. disclose: receiving second instructions with a new defined area to use in the screening step (col. 4, lines 31-51; col. 5, lines 26-29; col. 6, lines 12-36, the time control and the threshold given for the number attempts are associated with the defined area in order to trigger examining of the calls connected from the defined area).

Regarding claim 14, Boltz et al. disclose, wherein the given period of time varies depending on a location of origination for the number of wireless calls (col. 5, lines 26-29, the examining of the incoming after the reporting of an emergency is controlled by commands from the PSAP to control the answering with a voice message for an interval of time).

Regarding claim 15, Boltz et al. disclose, the number of wireless calls varies depending on a location of origination for the given number of wireless calls (col. 4, lines 21-51; col. 6, lines 26-36, an application module related to the system may specify a threshold for the number of calls before the number of calls has reached the threshold).

Regarding claim 16, Boltz et al. disclose, wherein the given threshold distance varies depending on a location of origination for the given number of wireless calls (col. 4, lines 31-42; col. 5, lines 22-25; col. 6, lines 26-36, the calls after the first call has been determined to come from an emergency area are examined to determine if the calls come from within the same emergency location or from approximately the same location).

Regarding claim 18, Boltz et al. disclose, wherein the receiving a wireless call step receives an emergency call (col. 3, lines 42-45, the mobile station originates an emergency call).

Regarding claim 22, Boltz et al. disclose screening emergency wireless calls, comprising: receiving instructions from a Public Safety Answering Point (PSAP) operator to initiate screening of wireless calls in a defined area (col. 5, lines 22-29, the PSAP has the capability to control the examining of the calls coming into the PSAP through the APPL components, 220, 230. The message provided to callers from the same area of a reported incident are routed to a recording device, after being determined that such calls come from the same area as the previous emergency call; ~~the message may be provided for a certain amount of time as controlled by the PSAP;~~ thus corresponding to the screening of the amount calls coming from the same emergency call area); receiving an emergency wireless call (col. 3, lines 42-45, the mobile station originates an emergency call); determining if the emergency wireless call originates from the defined area within a period of time (col. 4, lines 11-30; col. 5, lines 18-29, the PSAP has the capability to detect from which area the emergency call was

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originated after ascertaining that the call being from an accident location; col. 5, lines 26-29, read on "within a given period of time," where the PSAP is able to control the amount of time for monitoring the calls); and screening the emergency wireless call if the determining step determines that the emergency wireless call originates from the defined area within the period of time (col. 4, lines 11-39; col. 5, lines 26-29, then from then on, or after some specified time, a second mobile station, which is located within the same area as the first mobile station originates another urgent call to the PSAP. Further, the calls are monitored through a voice recorded to instruct the caller that a call regarding the same incident has been already originated from the same incident area; this, indeed, reads upon the screening of subsequent calls).

Regarding claim 23, Boltz et al. disclose wherein the instructions from the PSAP operator specify the defined area (col. 5, lines 22-29; Fig. 1, the PSAP may control the commanding of the screening).

Regarding claim 25, Boltz et al. disclose, wherein the instructions from the PSAP operator specify at least a portion of the audio message (col. 4, lines 14-20 and lines 39-51, read on the claimed "specify at least a portion of the audio message," thus indicating the incident that occurred at the affected area).

Regarding claim 26, Boltz et al. disclose performing a screening action on wireless calls, comprising: receiving a wireless call (col. 3, lines 42-45, the mobile originates a phone call, which is received by the PSAP); receiving instructions including a given screening period and a threshold distance for determining a screening area in response to the wireless call (col. 4, lines 31-51; col. 5, lines 18-25, the system is



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capable of commanding an announcement machine to provide a recording of the reported incident when determining that the second and subsequent wireless calls are originated from the same or approximately same area of the incident and has the capability of controlling the period of playing the recording for examining the calls as read on col. 5, lines 18-25); and screening the wireless call if the wireless call is determined to be received within the screening area during the given screening period ((col. 4, lines 31-51; col. 5, lines 18-25, the calls are examined by the system to verify if they originate from the same affected area as the first or previous call and in turn controlling the outgoing recorded message for a period of time as controlled by the PSAP as read on lines 18-25 of col. 5).

3. Claims 19- 21 are rejected under 35 U.S.C. 102(e) as being anticipated by Nagendran (6731940).

Regarding claim 19, Nagendran discloses an action on wireless calls, comprising: receiving a wireless call (col. 5, lines 33-35; Fig. 1, ref. 11, a request is received from the wireless mobile device); determining whether the received wireless call falls within a class of wireless calls the class of wireless calls being one of location incentive offers, wireless based games, and wireless location based advertisements (col. 5, lines 52-64, the system may determine that the request from the mobile device is information required by the wireless device such as location-specific information to include request preferences as a gas station, a restaurant, shopping centers, and more; col. 5, lines 57-64, read on the claimed "location incentive offers" and "location

based advertisements.”); and performing a predetermined action on the received wireless call when the determining step determines that the received wireless call falls within the class of wireless calls (col. 5, lines 52-56 and 65-67; col. 6, lines 1-11; Figs. 1-2, the request made by the wireless device is transmitted to the information database to where a compiled message is sent from the message generator, which belongs to the information service network, and thereafter the action of compiling the message comprising the location-based information is sent to the message generator and subsequently to the requesting mobile device).

Regarding claim 20, Nagendran further discloses establishing the class of wireless calls (col. 5, lines 52-64, a communication between the information database system and the mobile device is acknowledged).

Regarding claim 21, Nagendranm discloses wherein the action is screening the received wireless call (col. 5, lines 39-56; Figs 1-2, read on “screening the received wireless call,” where the location generator determines location information from the received signal of the mobile device, and in turn sends the requested information obtained back to the message generator, which compiles such information with other location-specific information of interest, and then sends the information to the wireless device).

**Conclusion**


4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following patents are cited to further show the art with respect to establishing emergency calls within a mobile network and systems for providing location-specific services to wireless devices.

US Pat. No. 6466796 to Jacobson et al.	Providing location-based services to mobiles
US Pat. No. 6442394 to Valentine et al.	Providing vehicular traffic information
US Pat. No. 6259405 to Stewart et al.	Geographic based communication service
US Pat. No. 20020068549 to Tendler	Location based request system
US Pat. No. 20020006787 to Darby	Multimedia wireless call center system
US Pat. No. 6567671 to Amin	Wireless device with call screening
US Pat. No. 6070083 to Watters et al.	Providing location services
US Pat. No. 6138026 to Irvin	Locating a wireless communication device

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Julio R Perez whose telephone number is (703) 305-8637. The examiner can normally be reached on 7:00 - 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Hudspeth can be reached on 703-308-4825. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
JP  
10/29/04

  
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